Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
Data File : BG053404.D
Acq On : 2 May 2022 18:16
Operator : CG/JU
Sample : N2619-11MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 03 06:43:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB05-13-15-FTMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.101	152	24064	20.000	ng		-0.01
21) Naphthalene-d8	10.915	136	96666	20.000	ng		0.00
39) Acenaphthene-d10	14.727	164	80619	20.000	ng		0.00
64) Phenanthrene-d10	17.471	188	201544	20.000	ng		-0.01
76) Chrysene-d12	21.759	240	196895	20.000	ng		0.00
86) Perylene-d12	25.043	264	209248	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	174908	124.595	ng		0.00
7) Phenol-d6	7.267	99	265342	122.569	ng		0.00
23) Nitrobenzene-d5	9.264	82	178315	74.899	ng		-0.01
42) 2,4,6-Tribromophenol	16.214	330	147365	114.894	ng		-0.01
45) 2-Fluorobiphenyl	13.347	172	408318	69.839	ng		-0.01
79) Terphenyl-d14	20.073	244	832747	71.430	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.548	88	27375	40.834	ng		96
3) Pyridine	3.948	79	68636	38.818	ng		94
4) n-Nitrosodimethylamine	3.860	42	42760	48.835	ng		87
6) Aniline	7.425	93	94548	37.685	ng		97
8) 2-Chlorophenol	7.666	128	76483	50.466	ng		94
9) Benzaldehyde	7.237	77	54000m	41.730	ng		
10) Phenol	7.296	94	113618	52.726	ng		93
11) bis(2-Chloroethyl)ether	7.514	93	72759	46.840	ng		92
12) 1,3-Dichlorobenzene	7.989	146	78939m	44.824	ng		
13) 1,4-Dichlorobenzene	8.136	146	81511	45.400	ng		93
14) 1,2-Dichlorobenzene	8.459	146	77864	44.973	ng		98
15) Benzyl Alcohol	8.342	79	91697	47.654	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.624	45	114681	44.221	ng		98
17) 2-Methylphenol	8.547	107	75161	51.544	ng		94
18) Hexachloroethane	9.188	117	29080	43.192	ng		94
19) n-Nitroso-di-n-propyla...	8.900	70	73130	46.142	ng	#	97
20) 3+4-Methylphenols	8.871	107	102451	49.770	ng		94
22) Acetophenone	8.923	105	126759	47.267	ng	#	96
24) Nitrobenzene	9.305	77	112952	48.777	ng		90
25) Isophorone	9.828	82	206257	50.971	ng		96
26) 2-Nitrophenol	10.022	139	46618	48.143	ng		95
27) 2,4-Dimethylphenol	10.081	122	81459	58.739	ng		86
28) bis(2-Chloroethoxy)met...	10.310	93	107486	47.281	ng		96
29) 2,4-Dichlorophenol	10.562	162	92266	52.923	ng		96
30) 1,2,4-Trichlorobenzene	10.774	180	87814	44.504	ng		100
31) Naphthalene	10.962	128	242352	46.992	ng		99
32) Benzoic acid	10.245	122	50051m	54.891	ng		
33) 4-Chloroaniline	11.068	127	59229	26.818	ng		96
34) Hexachlorobutadiene	11.250	225	61515	41.969	ng		96
35) Caprolactam	11.843	113	33989m	55.310	ng		
36) 4-Chloro-3-methylphenol	12.190	107	110478	54.431	ng		93
37) 2-Methylnaphthalene	12.560	142	182919	47.933	ng	#	94
38) 1-Methylnaphthalene	12.777	142	179651m	48.228	ng		
40) 1,2,4,5-Tetrachloroben...	12.930	216	118940	43.439	ng		99
41) Hexachlorocyclopentadiene	12.912	237	114517	81.019	ng		95
43) 2,4,6-Trichlorophenol	13.165	196	86123	45.620	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	93677	46.566	ng		97
46) 1,1'-Biphenyl	13.558	154	261344	45.015	ng		98
47) 2-Chloronaphthalene	13.605	162	204389	44.126	ng		96
48) 2-Nitroaniline	13.805	65	87152	49.580	ng		91
49) Acenaphthylene	14.451	152	357040	49.242	ng		98
50) Dimethylphthalate	14.175	163	302036	46.840	ng		97
51) 2,6-Dinitrotoluene	14.299	165	65889	48.980	ng	#	86
52) Acenaphthene	14.792	154	260013m	52.879	ng		
53) 3-Nitroaniline	14.627	138	42073	29.578	ng		94
54) 2,4-Dinitrophenol	14.839	184	82741	96.667	ng	#	84
55) Dibenzofuran	15.127	168	352003	45.718	ng		98
56) 4-Nitrophenol	14.945	139	106703	98.357	ng	#	77
57) 2,4-Dinitrotoluene	15.086	165	95148	49.681	ng	#	81
58) Fluorene	15.773	166	295498	47.519	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.356	232	91248	46.707	ng		99
60) Diethylphthalate	15.532	149	311285	46.075	ng		98
61) 4-Chlorophenyl-phenyle...	15.761	204	160723	45.594	ng		94
62) 4-Nitroaniline	15.791	138	70654	47.072	ng	#	81
63) Azobenzene	16.055	77	315810	46.363	ng		98
65) 4,6-Dinitro-2-methylph...	15.855	198	60282	42.871	ng		96
66) n-Nitrosodiphenylamine	15.973	169	266690	46.015	ng		98
67) 4-Bromophenyl-phenylether	16.654	248	116614	45.156	ng		98
68) Hexachlorobenzene	16.783	284	128533	45.959	ng		93
69) Atrazine	16.918	200	117040	51.698	ng		95
70) Pentachlorophenol	17.130	266	141777	92.757	ng		90
71) Phenanthrene	17.518	178	512075	46.515	ng		98
72) Anthracene	17.606	178	521480	47.815	ng		99
73) Carbazole	17.870	167	472696	44.587	ng		99
74) Di-n-butylphthalate	18.416	149	546780	45.475	ng		98
75) Fluoranthene	19.521	202	648352	45.946	ng		99
77) Benzidine	19.691	184	339258	60.391	ng		100
78) Pyrene	19.885	202	645557	46.036	ng		99
80) Butylbenzylphthalate	20.754	149	241477	46.190	ng		98
81) Benzo(a)anthracene	21.735	228	631358	46.898	ng		97
82) 3,3'-Dichlorobenzidine	21.641	252	137329	27.738	ng		99
83) Chrysene	21.806	228	575419	46.056	ng		99
84) Bis(2-ethylhexyl)phtha...	21.624	149	331895	46.966	ng		98
85) Di-n-octyl phthalate	22.852	149	568732	48.122	ng		97
87) Indeno(1,2,3-cd)pyrene	28.814	276	724778	46.622	ng	#	98
88) Benzo(b)fluoranthene	23.997	252	658293	49.862	ng		99
89) Benzo(k)fluoranthene	24.068	252	635770	48.998	ng		99
90) Benzo(a)pyrene	24.896	252	634583	56.421	ng		99
91) Dibenzo(a,h)anthracene	28.879	278	624369	48.797	ng		98
92) Benzo(g,h,i)perylene	30.007	276	627676	49.771	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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